

Title (en)  
Non-oxide selectively porous materials

Title (de)  
Nicht-oxidische, selektiv poröse Materialien

Title (fr)  
Matériaux poreux sélectivement non-oxydes

Publication  
**EP 2762311 A3 20150506 (EN)**

Application  
**EP 14163819 A 20040714**

Priority  
• US 62490503 A 20030722  
• EP 04016510 A 20040714

Abstract (en)  
[origin: EP1500497A2] A process (60; 90) for providing pores (20) in a structure (10) according to any selected physical characteristics. Generally pins (34) or pore forming members (30) may be positioned in a laminate preform (40) and the laminate preform (40) formed into a laminate structure (10) including the pins (34) therein. The pins (34) generally include a size, density, distribution, angle, or other characteristic that is desired in the final laminate structure (10). After the laminate is formed the pins (34) are then removed from the laminate according to a process which does not harm a selected physical characteristics of the laminate structure (10).

IPC 8 full level  
**B32B 5/26** (2006.01); **B32B 38/04** (2006.01); **B26F 1/24** (2006.01); **B32B 18/00** (2006.01); **B32B 37/00** (2006.01); **C04B 35/571** (2006.01); **C04B 35/80** (2006.01)

CPC (source: EP US)  
**B26F 1/24** (2013.01 - EP US); **B32B 18/00** (2013.01 - EP US); **B32B 38/04** (2013.01 - EP US); **C04B 35/571** (2013.01 - EP US); **C04B 35/80** (2013.01 - EP US); **B32B 2038/047** (2013.01 - EP US); **C04B 2235/5244** (2013.01 - EP US); **C04B 2235/5248** (2013.01 - EP US); **C04B 2237/365** (2013.01 - EP US); **C04B 2237/38** (2013.01 - EP US); **C04B 2237/385** (2013.01 - EP US); **C04B 2237/561** (2013.01 - EP US); **C04B 2237/62** (2013.01 - EP US); **Y10S 425/037** (2013.01 - EP US); **Y10T 428/24322** (2015.01 - EP US); **Y10T 428/24339** (2015.01 - EP US); **Y10T 428/249969** (2015.04 - EP US); **Y10T 428/249981** (2015.04 - EP US)

Citation (search report)  
• [XA] WO 9322128 A1 19931111 - MARTIN MARIETTA CORP [US]  
• [XA] US 5246520 A 19930921 - SCANLON JOHN F [US], et al  
• [XAI] GB 2323056 A 19980916 - GKN WESTLAND HELICOPTERS LTD [GB]  
• [A] US 6151887 A 20001128 - HAIDN OSKAR [DE], et al  
• [E] GB 2400114 A 20041006 - SNECMA PROPULSION SOLIDE [FR]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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**EP 04016510 A 20040714**; AU 2004202893 A 20040628; EP 14163819 A 20040714; EP 18150166 A 20040714; JP 2004204606 A 20040712; US 62490503 A 20030722; US 96954308 A 20080104